



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
 United States Patent and Trademark Office
 Address: COMMISSIONER FOR PATENTS
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
 www.uspto.gov

BIBDATASHEET

CONFIRMATION NO. 72

Bib Data Sheet

SERIAL NUMBER 10/671,970	FILING DATE 09/26/2003 RULE	CLASS 428	GROUP ART UNIT 1773	ATTORNEY DOCKE NO. 9281-4655
-----------------------------	---------------------------------------	--------------	------------------------	------------------------------------

APPLICANTS

Naoya Hasegawa, Niigata-ken, JAPAN;

Eiji Umetsu, Niigata-ken, JAPAN;

Masamichi Saito, Niigata-ken, JAPAN; Yosuke Ide, Niigata-ken, JAPAN;

** CONTINUING DATA *****

None

** FOREIGN APPLICATIONS *****

JAPAN 2002-293365 10/07/2002 ✓

JAPAN 2003-048727 02/26/2003 ✓

4/22/05

IF REQUIRED, FOREIGN FILING LICENSE GRANTED

** 12/16/2003

Foreign Priority claimed <input checked="" type="checkbox"/> yes <input type="checkbox"/> no	STATE OR COUNTRY JAPAN	SHEETS DRAWING 20	TOTAL CLAIMS 16	INDEPENDEN CLAIMS 1
35 USC 119 (a-d) conditions met <input checked="" type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> Met after Allowance				
Verified and Acknowledged <i>Hub 4/22/05</i> Examiner's Signature	Initials			

ADDRESS

Brinks Hofer Gilson & Lione
 P.O. Box 10395
 Chicago, IL
 60610

TITLE

Magnetic sensor having free layer additionally provided with magnetic anisotropy by shape anisotropy

FILING FEE RECEIVED 750	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:	<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees (Filing) <input type="checkbox"/> 1.17 Fees (Processing Ext. of time) <input type="checkbox"/> 1.18 Fees (Issue) <input type="checkbox"/> Other _____ <input type="checkbox"/> Credit
-----------------------------------	---	---